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**(54) TARNISH RESISTANT SILVER ALLOY**

(57) Abstract:

**PURPOSE:** To obtain a tarnish resistant Ag alloy having superior resistance to tarnish by sulfide or chloride, a fine color tone and superior workability peculiar to Ag by adding specified amounts of Ge, Zn and Ga to Ag or further adding a specified amount of at least one among Al, In, Sn Pd and Cd.

**CONSTITUTION:** To Ag are added, by weight, 5W20% in total of 1.5W6.5% Ge, 0W16% Zn and 0W11% Ga (Zn+Ga=1.5W18.5%), or 0.1W15% in total of one or more among 0.1W1.5% Al, 2W10% In, 1W8% Sn, 1W12% Pd and 0.5W9% Cd are further added. The resulting Ag alloy is hardly tarnished by sulfide or chloride unlike pure silver but has a fine color tone and superior workability peculiar to Ag, so it is suitable for use as a material for various accessories, artistic handicrafts, tableware, a watchcase,

etc.

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